

## Problem Question Searching for a Specific User and Updating the User Information

### Index.jsp

```
<html>
<body>
<h2>Hello World!</h2>
<form action="listproducts.jsp">
Enter the ID <input type="number" name="id"/>
<button>Submit</button>
</form>
</body>
</html>
```

### Listproducts.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>List Products</title>
</head>
<body>
<% int a=Integer.parseInt(request.getParameter("id")); %>
<c:forEach var="product" items="${list}">
    <c:if test ="${product.Id==a }">
${product.Id}, ${product.Name}, ${product.Location}<br>
    </c:if>
</c:forEach>
</body>
</html>
```

### Maincontroller

```
package com.ecommerce.controller;
import java.util.List;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Controller;
import org.springframework.ui.ModelMap;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestMethod;
import com.ecommerce.doa.EProductDAO;
import com.ecommerce.entity.Eproduct;
@Controller
public class MainController {
    @Autowired
    EProductDAO eproductDAO;
    @RequestMapping(value = "/listproducts.jsp", method = RequestMethod.GET)
```

```

public String listProducts(ModelMap map)
{
    List<Eproduct> list= eproductDAO.getProducts();
    map.addAttribute("list",list);
    return "listproducts";
}
}

```

### Productdao

```
package com.ecommerce.doa;
```

```

import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.List;
import org.springframework.jdbc.core.JdbcTemplate;
import org.springframework.jdbc.core.RowMapper;
import com.ecommerce.entity.Eproduct;

```

```

public class EProductDAO {

    JdbcTemplate template;

    public void setTemplate(JdbcTemplate template) {
        this.template = template;
    }
    //business methods
    public List<Eproduct> getProducts(){
        return template.query("select * from person",new RowMapper<Eproduct>(){
            public Eproduct mapRow(ResultSet rs, int row) throws SQLException {
                Eproduct e=new Eproduct();
                e.setID(rs.getInt(1));
                e.setName(rs.getString(2));
                e.setLocation(rs.getString(3));
                return e;
            }
        });
    }
}

```

### Product bean

```

package com.ecommerce.entity;
public class Eproduct{
    private long ID;
    private String name;
}

```

```

private String location;
public long getID() {return this.ID; }
public String getName() { return this.name;}
public String getLocation() {return this.location;}
public void setID(long id) { this.ID = id;}
public void setName(String name) { this.name = name;}
public void setLocation(String location) {this.location=location;}
}

```

## Web.xml

```

<web-app xmlns="http://java.sun.com/xml/ns/javaee" version="2.5"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd">
  <display-name>Archetype Created Web Application</display-name>
  <welcome-file-list>
<welcome-file> /WEB-INF/view/index.jsp</welcome-file>
</welcome-file-list>
  <context-param>
    <param-name>contextConfigLocation</param-name>
    <param-value>/WEB-INF/main-servlet.xml</param-value>
  </context-param>
  <servlet>
    <servlet-name>main</servlet-name>


    <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-clas
s>
    <load-on-startup>1</load-on-startup>
  </servlet>
  <servlet-mapping>
    <servlet-name>main</servlet-name>
    <url-pattern>/</url-pattern>
  </servlet-mapping>
  <listener>

    <listener-class>org.springframework.web.context.ContextLoaderListener</listene
r-class>
  </listener>
</web-app>

```

# Hello World!

Enter the ID

```
3  create table person(ID int ,Name varchar(50) , Location varchar(80))
4
5 insert into person values(1001 , 'Yash','Bengaluru'),(1002,'Jhon','London'),(1003,'Max','England')
6
7 select * from person
```

Result Grid				Filter Rows:		Export:	Wrap Cell Content:
	ID	Name	Location				
	1001	Yash	Bengaluru				
	1002	Jhon	London				
	1003	Max	England				

1001 ,Yash ,Bengaluru